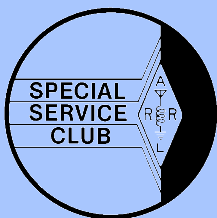




The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our 2021
ham public service
schedule.

RARS General Meeting

Main Topic: Show and Tell

By: RARS members

Date: November 9, 2021

Time: Meeting at 7:30 PM, informal
gathering at 7PM on Zoom.

Where: Zoom

RARS Net Monthly Summary

Julie Royster KT4JR

RARS net manager

October 2021 RARSnets

32 nets

502 checkins

977 minutes

RARS Officers

PRESIDENT

John Honeycutt
N8ZU
919.417.2477
jfh49@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
N4TL2@yahoo.com

SECRETARY

Mark Kilmer
KM4JRH
919.676.0110
mark.kilmer@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: ~~Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607~~

Time: ~~People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.~~

RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the CHOW Pizza Bar 8311 Creedmoor Rd, Raleigh, NC. CHOW is behind McDonalds at the intersection of Creedmoor Road and Brennan Drive. We go to the back left in the restaurant. Their private room holds 30-40 and the table layout is flexible. Informal and Dutch, just bring your appetite and best rag to chew.

RARS Repeaters in Raleigh

145.130, 146.640 and 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS website click here. <https://www.rars.org/nets.php>

VE Testing

~~The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit <https://www.rars.org> for more information.~~

RARS Show and tell

Our November meeting will be our "Show and Tell" meeting. If you are going to show something think about how you do that with Zoom. You will need to have enough light on the object so it can be seen clearly. Think about how you will move your camera to the object or put the object in front of the camera. Windows 10 has a camera app that you can practice with. Or start a zoom meeting of one and practice. Alternatively you can send me (N4TL2@yahoo.com) pictures of the object and I can show them during the meeting. You can talk about each picture. A number of people did that last year.

73 Tom N4TL



Presidents Message

At the November 9th meeting, RARS members will elect the board of directors and officers for the 2022 calendar year. In October, the nominating committee presented the slate of candidates that it has recruited to volunteer to serve. The candidates are all current incumbents serving as president, secretary, committee chairpersons, or directors at large. The vice president and treasurer are not up for election this year. Because the candidates are currently serving, you can look them up at RARS.org on the “Officers/Contacts” button.

The RARS Bylaws and practice provide that additional nominations from the floor may be made before the vote takes place. Members may nominate themselves or another member before the vote on November 9th to throw their hats in the ring, so to speak. The only requirement is one year of full membership in the club.

The RARS Board of Directors consists of four officers, chairs of standing committees, and directors of special functions such as Editor of the Exciter newsletter and trustees for the RARS UHF/VHF repeater call signs. There are presently three directors at large. Each of these positions requires the concurrence of a majority of full members in attendance.

Each standing committee chair organizes a function of the club, such as Field Day, NC QSO Party, repeater maintenance, and RARSfest. It takes teams of volunteers from inside and outside the club to make these events happen.

For a variety of reasons, some long-standing members are unable to take on the volunteer responsibilities they have in the past. This is one of several reasons that the board decided that RARSfest 2022 is not feasible. We are optimistic that with a new RARSfest chair, we can recruit a complete staff of volunteers to run the event in 2023. Please consider letting the board know if you are interested in serving as a volunteer for RARSfest and any of the other club functions, so we can give you a call when volunteers are needed.

It is important for as many members as possible to be in attendance at the Zoom meeting November 9th for this election. It is one of the more important meetings of the year for the governance of the club for the next year.

Besides which, the November meeting is “Show and Tell,” one of my favorite programs of the year. I’m going to show a small, but I hope, interesting project. It isn’t too late to put together a presentation if you can photograph a project that might be of interest to radio amateurs or figure out another way to show it visually on Zoom. I’ve heard people talk of some building, troubleshooting, and repair projects that could make interesting viewing.

73 everyone,
John Honeycutt, N8ZU

October 12 , 2021 RARS meeting

The meeting was held on Zoom, as we have been since the covid-19 pandemic started. Many members connected from 7PM on. President John Honeycutt, N8ZU, ran the formal part of the meeting. See the meeting minutes on [page 22](#) for details. After the formal part of the meeting. Tom, N4TL. Introduced Tadd, KA2DEW, who spoke about the TARP Network Terrestrial Amateur Radio Packet Network.

2022 Nominations Committee Report / Recommendations

RARS Officers for a Two Term:

President: John Honeycutt, N8ZU

Secretary: Mark Kilmer, KM4JRH

Board Members for 1-year term:

Public Service Director,

Plus RARS Facebook;

RARS Exciter Editor:

RARS Net Manager;

Director at Large

Director at Large

Director at Large

FM Repeater Chair:

W4DW, W4RNC, N4RAL

Trustee coordinator:

ARRL Liaison:

RARS Education Director:

RARS Youth Director:

RARS Web Master:

RARS Food Service Chair:

RARS NC QSO Party Chair:

RARS 2022 Field Day Chair:

RARS Volunteer Exam Coordinators

Jeremy Lindsley, K2HJX

Tom Lewis, N4TL

Julia Royster, KT4JR

Alan Pitegoff, AB4OZ

Tadd Tolberg, KA2DEW

Ken Latchum, AD4GX

Chuck DeCourt, W3WZN

Carl Davis, W8WZ

Chuck Littlewood, K4HF

Carl Davis, W8WZ

Brantley West, K4CBW

Hank Montgomery, K4HM

Richard Kroeger, N1FUA

Marty Young, W4MY

Curt Phillips, W4CP

Liz, KO4CK & Joe White, WA4GIR

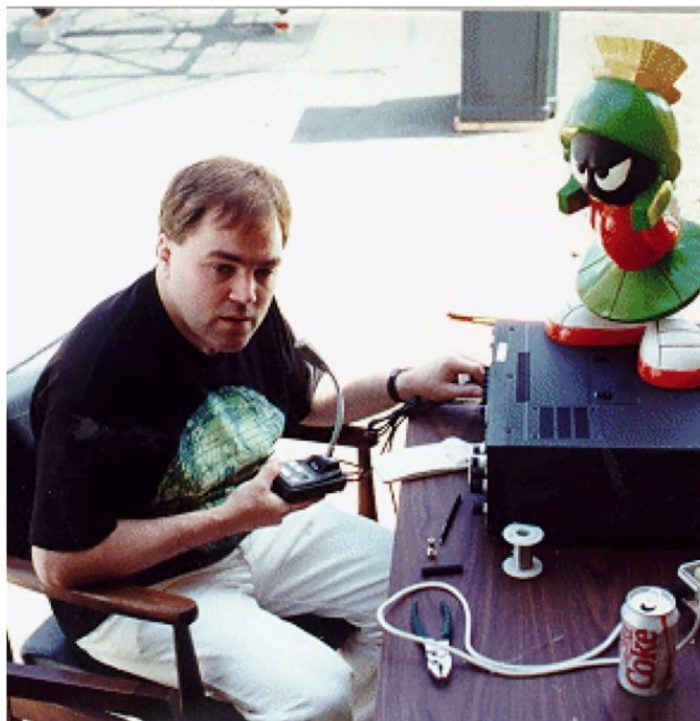
Submitted by Chuck Littlewood, K4HF

Nominating Committee Chair

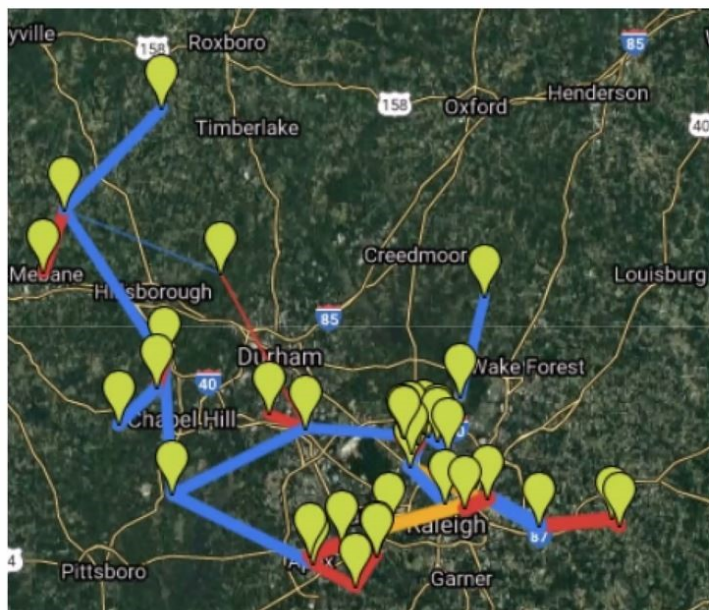
Tadd - KA2DEW

Who is Tadd?

- Ham since 1979
- Husband to Nancy KB2TNR and father of two, son Jack is Sergeant in USARMY
- Software Engineer specializing in small microprocessor devices, battery power and small radio networks.
- Officer in RARS - M.C. for RARS New Ham meeting



KA2DEW on the air - demo station - in 1994



What is a TARP?

Terrestrial
Amateur Radio
Packet Network

TARP

founded in 2014,
TARP is the
technology, recipe,
and custom products.

NCPACKET

founded in 2019
is a North Carolina group
which created a large
over-ham-radio VHF/UHF
TARP.

NCPACKET

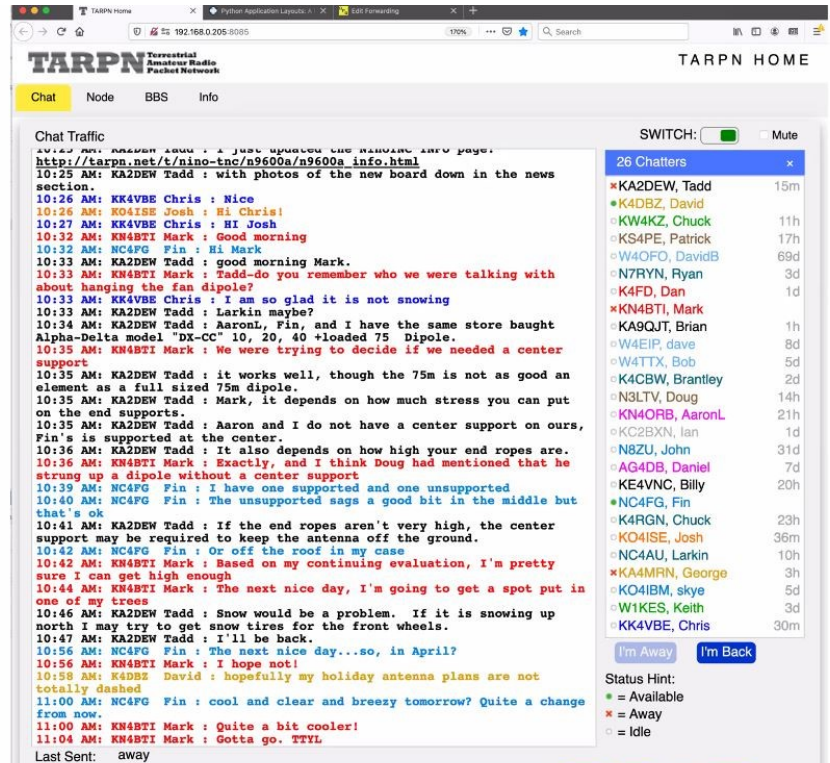
built an expanding
network.
Six counties
35 stations

We meet for lunch all over a
six county area. We also
have 3 voice nets a week on
ham radio and we have a
continuous live chat on the
network.

October 12 , 2021 RARS meeting presentation continued

TARPN-HOME user interface

- Written by Fin NC4FG in Raleigh
- Runs on devices and computers in a web browser
- Connects over local WIFI or Ethernet to Raspberry PI



Station equipment What does it take?

- Raspberry PI
- Power Supply
- Radios
- Modem/TNC cards
- Antennas
- Computer, tablet or HDMI screen

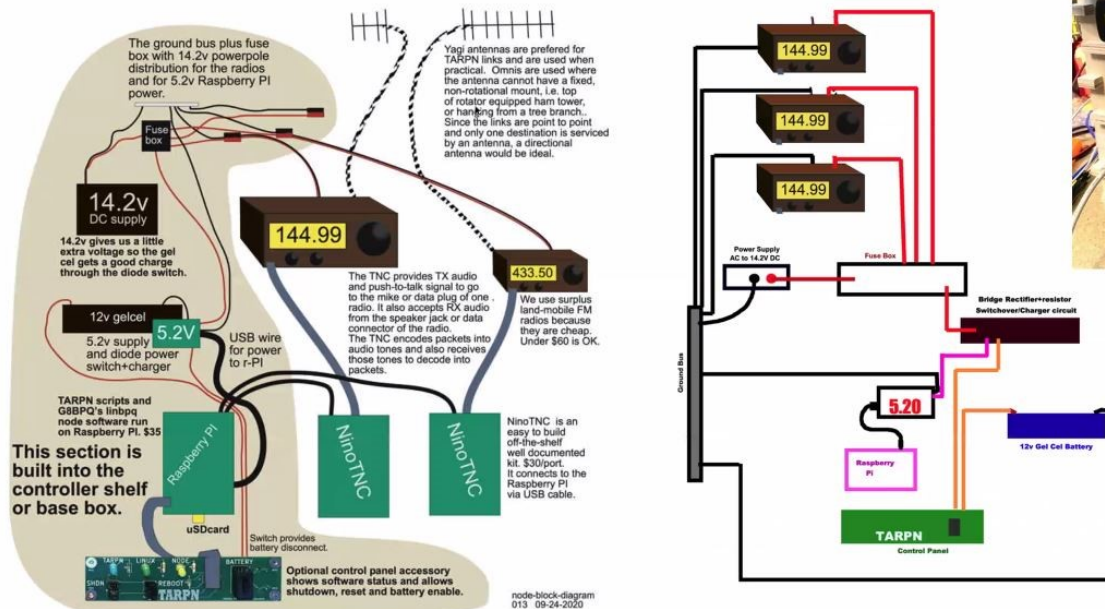


Two port station,
2 radios with 2 TNC cards,
battery backup.
TARPN custom control panel.

October 12 , 2021 RARS meeting presentation continued

TARPN.ORG

Node Assembly Details from TARPN website



Demo one-radio node

Here is a demo board showing a single port packet node. This was made for show-and-tell purposes.

Kenwood TK762G 25watt radio
\$50 at hamfests



Surplus computer power supply,
30+ amps for under \$40
needed modifications

5.2v regulator to power the Raspberry PI
\$13 on Amazon

Gel Cel battery to keep Raspberry PI
from crashing during power glitches

October 12 , 2021 RARS meeting

 TL Tom Lewis, N4TL, Raleigh (Me)	 Dave W4YDY, Greenville, NC	 K- KE4IHX - Al in Roxboro
 Mark - KM4JRH - Raleigh (Host)	 DA David Arthur	 LK Larry K4LXV Raleigh
 JH John Honeycutt - N8ZU	 David Hertzberg KN4CUZ	 LR Lee Rogers WB4DRJ
 MW Marv WA4NC NC	 DW dennis wz0q	 LK Lowell K4EUP Wendell
 Tadd (KA2DEW) Torborg	 D@ Dick @ ZEF Energy	 MW Marv WA4NC NC
 AK AD4GX ken	 DA Doug AD4UL Erie,PA	 MK Michael K4BFR-Bushy Fork
 AA Alan AB4OZ RALEIGH	 DN Doug N3LTV Raleigh	 MR Michael Ramsey
 AK Andrew KJ4WRC Apex	 EN Ernie N4AEW	 NT Nancy Torborg KB2TNR
 BK Billy Ke4vnc	 Greg Seamster	 RN Richard, N1FUA, Apex, NC
 BW Bob W4GIA	 JK Jeremy K2HJX Raleigh	 RK roger k4kk
 BK Brantley K4CBW	 JK Jerry KE4TTS Cary	 Ryan Reed
 B- Bud - W2RU	 JK Jim KM4WRK, Raleigh	 SN Stephen NY4NC
 Carl Davis	 JW Jim w1xr	 SW Steve W4MGT
 CW Charles WB4DCM	 Joe N4BJH Wake Forest	 T Tom NC4TS Lake Royale, NC
 CK Chris KE4TMO	 JZ Joe Zajac	 Tony K1OC
 CK Chuck, K4HF - Ral	 Julie - WE3T	 VN Virginia NC4VA NC
 Chuck-K4RGN	 JJ Just Joe - K4HEW - NC	 W4AUV Dale Pendleton
 CK Cliff KA7NSU	 K K4ACS-Smitty	 W- W4WHW - Bill
 CW Curt W4CP Smithfield	 K4BYN Louis	 W WA4OSS-Charles
 DW Dave W4EIP	 K- K4HM - Hank Montgomery	 WA Walker Armistead KD4YJX
 19842252503		

61 people attended the zoom meeting

Future RARS Meeting Topics

Titles, topics, and speakers **subject to change.**

11/9/2021	RARS Officers election and Show and Tell	Election committee & members
12/14/2021	RARS Officers induction & Meteor Scatter	Zach Thompson, KM4BLG Asheville, NC

During the Zoom meetings please keep
your microphone muted.
Please edit your name so your
Name, Call and Location are shown.

The next few meeting of RARS will be held using Zoom at 7:30PM. Zoom is a conferencing application that runs on computers, tablets and phones. The meeting ID will be sent out to everyone via email.

Quick start guide for new Zoom users

https://support.zoom.us/hc/en-us/articles/360034967471-Quick-start-guide-for-new-users#h_b0c98dfa-d90f-486d-9617-71ab7b41a273

Zoom help center

<https://support.zoom.us/hc/en-us>

RARS Birthdays

Joe	WA4GIR	11/02
Luke	WX4AA	11/02
John	WB4UFO	11/02
Carroll	KD4JH	11/07
John	KK4ZFV	11/08
David	KN8DAP	11/08
John	K4TOO	11/11
Mike	KN4LHB	11/12
Steven	KE4QBH	11/12
Catherine	KO4SDD	11/14
Glenn	NC4NC	11/16
Ron	KD4LOE	11/18
Rolf	K8SL	11/19
Brian	KO4FIY	11/19
Donna	KM4WRP	11/20
Nikolay	KM4UAG	11/20
Terri	N4ZUD	11/25
Lannie	KK4QEF	11/25
Doug	N3LTV	11/26

New Members

Nancy Torborg	KB2TNR
Tim Rowe-Golden	Not Licensed

Club Log and Logging Software

I have been uploading my log to Club Log for a few years now. I do the upload every six months or so. The site shows me how I am doing compared to other DXers. I recently found that the site also keeps track of what Loggings software is being used. Click on this link and you can see what logging programs are popular.

[Club Log: Logging Software analysis](#)

Club Log is a free, web-based tool for producing DXCC league tables, expedition tools, log search services, and most-wanted lists for ham radio. It also analyzes radio amateurs' log files, offering a wide range of reports to individual users and identifying large-scale trends based on all activity in the database. Signed-in users can upload, track, and refine their logs and DXing progress more closely. Each participant increases the usefulness of the database and, as a result, helps expeditions plan their future activities.

Club Log Statistics.

There are 244 clubs, 56,494 users and 89,440 callsigns registered in Club Log.

Each day, an average of 3983 new logs are uploaded.

There are 786.5 million log entries available for analysis, making the average log size 8,793 QSOs.

A weekly DX Report email is sent to the Club Log Google Group and [is available: here.](#)

73 Tom N4TL

Deepest Sympathies

A transfer of \$50 has been made to the RARS / Dick Bitner Youth Education fund in memory of

Gerry Jacobs, K4GCJ (December 31, 1937 – August 27, 2021)

[Gerry Jacobs Obituary - Raleigh, NC \(dignitymemorial.com\)](#)

A transfer of \$50 has been made to the RARS / Dick Bitner Youth Education fund in memory of

William K. (Bill) Sims, W4AK of Louisburg, NC (June 21, 1932—October 4, 2021)

[Obituary for William "Bill" K. Sims | Strickland Funeral Home & Crematory](#)

Will Roberts, Jr., AA4NC. 61 of Surf City (December 25, 1959—October 21, 2021). Will was a member of the Potomac Valley Radio Club ([PVRC](#)) North Carolina chapter. He was a very active tester.

[William \(Will\) Jennings Roberts, Jr. Obituary \(tributearchive.com\)](#)

RARS Monthly Dinner, NEW LOCATION

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the CHOW Restaurant, 8311 Creedmoor Road, Raleigh. The restaurant is at the corner of Brennan Drive and Creedmoor Roads, behind McDonalds. After entering the restaurant, go to the left rear to the private room. Informal and Dutch, just bring your appetite and best rag to chew. "Your attendance will help us retain the private meeting room."

Free AB4OZ Hamfest, Weather permitting

The free AB4OZ HamFest will be Saturday, December 11 2021. Setup at 9AM. Start time is 10AM. New location, Golden Corral Restaurant rear parking lot. 3551 Grenelle street, Raleigh NC 27603.

Check the latest information here [QRZ.COM](#).

Interesting information and items sent to the Exciter.

From the AWA group.io

The Subminiature Vacuum Tube

Mark Erdle ~ AE2EAOct 22 #1249

The Subminiature Vacuum Tube: The Cycle of Technology is a short documentary of the history of the sub-miniature vacuum tube. This 16 minute film was produced by the MIT Museum with funding from Raytheon in 1986 for the MIT Industrial Liaison Program. The producer and director was Seichi Tsutsumi of the MIT Industrial Liaison Program.

Watch it here: <https://youtu.be/jegSJ0039-A>

Mark ~ AE2EA

Tower Work

Do you need some tower work done? Check out Don Daso's, K4ZA website. Don told me he has 11 jobs in the queue right now. So there will a wait for any work to be done.

<https://k4za.com/>

73 Tom N4TL

Lightweight fiberglass pole to support an antenna

The secret to making the most of a lightweight fiberglass pole to support a doublet/dipole is to use very lightweight wire for the antenna (i.e. 24 to 28 AWG) and also to not put a lot of stress on the top section. I have been using a simple homebrew pole attachment for my portable wire antennas for years. It is constructed out of a fishing snap swivel and a crimp ring terminal of the appropriate size. I documented it in previous blog posting here :

https://www.qsl.net/ve3wmb/VE3WMB/Blog/Entries/2010/9/28_Field_Doublet_centre_support.html

For anyone looking for a longer (i.e 10m) pole I do highly recommend the Sota Beams 10m travel mast.

<https://www.sotabeams.co.uk/compact-light-weight-10-m-32-ft-travel-mast/>

Cheers Michael VE3WMB

Sent to the Exciter by Chuck, K4HF.

<https://www.rars.org>

RARS Membership links

Use the following link to verify / update your membership profile.

<https://www.rars.org/userprofile.php>

Use the following link to renew your membership.

https://www.rars.org/membership_renewal.php

HAM RADIO LUNCHEON

Everyone is welcome!

Every Thursday at 11:30 am

New York Diner, 909 McKnight Drive Knightdale.

Check the latest information on the AB4OZ QRZ entry.

QRZ.COM.

Hamfest Calendar

For details go to <http://www.arrl.org/hamfests/search>

[JARSFEST](#), Benson, NC, Sunday November 21

[AB4OZ Hamfest](#), Raleigh NC, Saturday, December 11

YOUTH LOUNGE



Contesting Warmup

Charlie (7) logs during the recent CQ WW SSB contest as the K4CBW station makes its first appearance in the Multi Op category.

Upcoming Events

Dec 19	ARRL Rookie Roundup (CW) 6hr contest, 100W max. More info at http://www.arrl.org/rookie-roundup
Jan 8	ARRL Kids' Day More info at http://www.arrl.org/kids-day/
Jan 29-30	Winter Field Day More info at https://www.winterfieldday.com/
Feb 14-18	ARRL School Club Roundup Open to individuals, clubs, and school groups. More info at http://www.arrl.org/school-club-roundup
Feb 27	NC QSO Party More info at http://ncqsoparty.org/

General Answer:
B. A unit combining the functions of a transmitter and a receiver
B. Turn off the transmitter and disconnect the feed line

PSE Send Us Photos!

Please send photos (with a caption) of youth "playing radio" to Brantley K4CBW (k4cbw@arrl.net) for inclusion in the Exciter. Whether operating, building, or otherwise assisting, we'd love to see youth in action!

Technician License Question

Here's a question that could appear on a Technician license exam.

What is a transceiver?

- A. A type of antenna switch
- B. A unit combining the functions of a transmitter and a receiver
- C. A component in a repeater that filters out unwanted interference
- D. A type of antenna matching network

Find more questions at:

https://hamexam.org/flash_cards/15-Technician

General License Question

Here's a question that could appear on a General license exam.

What precaution should you take whenever you adjust or repair an antenna?

- A. Ensure that you and the antenna structure are grounded
- B. Turn off the transmitter and disconnect the feed line
- C. Wear a radiation badge
- D. All these choices are correct

Find more questions at:

<https://hamexam.org/exam/16-General>

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Check the RARS Classified List on the RARS website regularly for new items.

4 DC POWERSTRIPS FOR SALE – Never used

Posted October 30th, 2021 by: W4BRB

Contact: bernardb15@att.net

MFJ-1124 – 6 Outlets, 4 Power Poles, 2 Binding Post, 12VDC Combined Current 40 Amps, \$50.00 OBO

MFJ-1129 – 10 Outlets, 7 Power Poles, 3 Binding Post, 12VDC Combined Current 40 Amps, \$75.00 OBO

MFJ-1112 – 6 Binding Post Outlets, 12VDC Combined Current 15 Amps, \$35.00 OBO

West Mountain Radio RIGrunner 4005, 5 Outlets Power Pole Outlets, 1 Power Pole Input, 12VDC Combined Current 40 Amps, \$40.00 OBO

Detailed information can be found on:

MFJ - <https://mfjenterprises.com/>

West Mountain Radio - <http://www.westmountainradio.com/>

Thanks,
Bernard

Need help installing mobile radio in vehicle

Posted October 28th, 2021 by: N4JMB

Contact: johnbowman2.0@gmail.com

Hi Fellow Hams -

I am still relatively new to the hobby. I purchased an Anytone 578 plus for my car. I have never installed a radio in a vehicle before. The main part I need assistance with is connecting the power cable to battery and routing it through the front of the vehicle.

I'm willing to compensate for your time.

Thanks in advance and 73

John
N4JMB

<https://www.rars.org>

RARS Classifieds continued

Posted October 28th, 2021 by: N4TL
Contact: n4tl2@yahoo.com

1. MFJ-816 SWR Power meter, works, \$10.
2. Heathkit SB-110 Six meter transceiver and HP-23 power supply. Clean no scratches. The Electrolytic capacitors have been replaced in both the radio and power supply. The VFO wobble was been fixed with copper braid inside the LMO. I have been using the transceiver for more than year checking into the 50.200 Saturday morning net. If the RF gain is greater than 75%, there is a screeching noise. I think there is some feedback somewhere. If I operate the radio at my house on full line voltage, the circuit breaker in the PS will sometimes trip. The line voltage at my house is sometimes 127 VAC. I run the radio on 115 VAC so that does not happen. \$200.
3. Heathkit AR-1500 AM FM receiver with manual. Volume control has issues, using an external volume control. Works fine. \$100
4. Heathkit HR-1680 Hamband receiver. Clean no rust, working. \$100.

Reasonable offers considered.
Contact me by email. 73 Tom N4TL

Flex-6400M SDR Transceiver

Posted October 28th, 2021 by: K4RLC
Contact: k4rlcc@hotmail.com

FLEX-6400M Signature Series SDR Transceiver (Monitor built in); ATU Kit installed; Three year extended warranty. List for \$3979; asking \$3000. Got radio this May (Too much computer for me). Local Pick up preferred. Original boxes and packing.
Email at bconder@yahoo.com
Bob K4RLC

15-METER DIPOLE ANTENNA: \$35

Posted October 23rd, 2021 by: N4KYW
Contact: howagood@yahoo.com

Sturdy 15-meter rotatable dipole antenna, consisting of two lengths of galvanized 1/2 inch electrical conduit, matching coil, and ancillary hardware and fasteners. Easy to assemble. Twenty feet overall length. Use outdoors, or will fit in most attics.
Antenna was modelled after the one that appears in an article in the 1957 edition of Radio Amateur's Handbook.

RARS Classifieds continued

LOADING RAMPS FOR SALE

Posted October 21st, 2021 by: KD4AGQ

Contact: kd4agg@arrl.net

9" X 6ft galvanized steel loading ramps for sale.
perfect for motorcycle hams and other loading uses.
brand new, never used.

\$60 w/ safety chains

\$50 w/o safety chains

sale to RARS Members ONLY.

K4KIO Hexbeam - 20, 17, 15, 12, 10 & 6 Meters

Posted October 20th, 2021 by: K4HF

Contact: k4hf@arrl.net

This estate antenna, with an Alliance HD-73 Rotor and Glen Martin 8' mast/tripod is mounted on a single story shed in N. Raleigh. See <http://www.k4kio.com> It will be dismantled. Manuals incl.
Asking for all - \$495.

Contact me by e mail, preferred, or (919) 872-6555 - Thanks, Chuck

FOR SALE or TRADE

Posted October 20th, 2021 by: WB4UFO

Contact: gfrski1948@yahoo.com

KENWOOD TWINS BRONZE FACED R599D,T599D W/MATCHING SPK. all works well exc cond. the rx. has the 2m and 6m converters installed recapped 425.

EMAIL ME OR CALL 919-665-0833 TNX JOHN WB4UFO

Kenwood TS-520 80 thru 10 Meter SSB/CW 100 Watt Transceiver

Posted October 18th, 2021 by: K4HF

Contact: k4hf@arrl.net

The TS-520 comes with a built in power supply, ssb and cw filters, Turner Base Mike and original manual. Tested and in very good condition. \$195.

Contact me by e mail, preferred, or (919) 872-6555. Thanks, Chuck

Posted October 17th, 2021 by: N4TL

RARS Classifieds continued

Contact: n4tl2@yahoo.com

Colrad SWR meter, \$5.00

Heil HM-5 Microphone, 4 Pin XLR and short stand, with CC-A-KW and cable for Kenwood radios. \$50.

Johnson Adventurer, \$85

West Mountain Radio, Rigblaster Plug and play USB. With a Sound Blaster THX, model SB1290 for the audio. \$30

73 Tom N4TL

Misc Ham Radio Gear

Posted October 11th, 2021 by: K4HF

Contact: k4hf@arrl.net

1. Diamond Model GZV4000 power supply, 5V TO 15 VDC AT 40 Amps continuous with built in speaker. As new condition - \$95
2. Bag of 14 New PL-259 Coax Connectors - \$15
3. Wouxun KG-UV6D 5 Watt 2M/440 MHz Handheld w/drop in charger, optional alkaline battery case and manual, like new - \$95
4. Heathkit HG-10B VFO for the DX-60 series transmitters, very good condition - \$55

Contact me by e mail, preferably, or (919) 872-6555. Thanks, Chuck

Classic HF Rigs

Posted October 11th, 2021 by: KB4BR

Contact: hicks084702@gmail.com

Classics from an original owner (WA4LED) who is no longer active for health reasons. They have been in various storage locations for approximately 30 years, appear to be in reasonable condition, and have not been tested. Will sell separately. No shipping. Cash only (owner request). Located in Wilmington.

- . Clegg Model 99. Built in pwr supply. \$50
- . Viking Challenger. \$75
- . Heath SB-200, plus pwr supply. No mods. \$200

Ham Hicks, KB4BR.

RARS Board Meeting Minutes, September 21, 2021

7 PM via Zoom

In attendance:

John N8ZU, Tom N4TL, Joe WA4GIR, Alan AB4OZ, Tadd KA2DEW, Julie KT4JR, Carl W8WZ, Hank K4HM, Chuck K4HF, Charles KM4AMT, Jeremy K2HJX, Richard N1FUA, Ken AD4GX, Curt W4CP

Call to Order:

A quorum was present when N8ZU called us to order at 7 PM. Minutes from last meeting were approved.

Old Business:

No Old Business

New Business:

- John updated the church's position for in house meetings. Meeting in Person. It was agreed that we will not pursue meeting in person for our monthly RARS meetings again at this time but will continue to meet via zoom.
- We will not resume VE testing at this time, as there are other opportunities for testing in the area. Meanwhile, Joe is researching other avenues to resume testing in the near future.
- Chuck provided an update on the progress of the nominating committee. Incumbents have agreed to accept nominations. There is currently no nomination for the position of RARSfest chair. Chuck advised that we should all pursue a person for that position. John noted that we have no Public Information officer. Chuck said that the committee is not actively seeking someone for that position. As Jeremy is handling the Facebook page, the committee sees no real need to fill that position at this time.

Officer Reports:

- VP Report – The presentation schedule is filled for the rest of the year. Next month will be "NC Packet", the following month will be Show & Tell and the last month will be "Meteor Scatter". *Tom will disseminate information on the S & T. Chuck suggested a program on the Asheville Historical Radio Museum.
- The Secretary was absent so no report was given.

RARS Board Meeting Minutes, continued

- Treasurer – Greg presented new membership, numbers, assets and inventory. Greg also covered Alan's previous question about profit/loss numbers if we held RARSfest with a 30% drop in income from the event.
- The Public Service director was absent so no report was given.
- The Education Director was present and had no report
- The Field Day Chair - Curt W4CP covered a question as to how we scored in 2019 as to 2021. We will see how we did in the December QST.
- Repeater Chair - No report.
- RARSfest chair is vacant so no report.
- Exciter Editor Tom N4TL - reported that all is going well. He also noted that some information is coming to him late.
- Food Service Director Richard N1FUA was present with no report.
- Net Manager Julie KT4JR - reported that our nets are going well. Julie noted that net participants had increased during the pandemic, but had returned to normal, suggesting that people are not stuck at home now, quite as much as a probable cause.
- ARRL Liaison Chuck K4HF – The Roanoke Director election is coming up. He suggested inviting Marv to speak at the RARS member meeting. Carl agreed, suggesting that in all fairness, all three should be invited. * John will make the invitations.

NCQP Chair not present no report

- VE Team Leader Joe WA4GIR – report covered above.
- Webmaster Hank K4HM – Has created some new process to simplify Greg's membership record keeping. Made additional updates to the website. Explained the privacy policy. We need to reconsider the policy, if we move forward with the membership form changes.
- Youth Director Brantley K4CBW was absent so no report was given.
- At large director AB4OZ had no further report
- At large director Tadd KA2DEW had no report
- At large Director Ken AD4GX had no report

RARS Board Meeting Minutes, continued

- Carl reported, as trustee, that all is well.

* Greg noted a rate increase in the storage unit, but will work with the management to try to get a reduction.

Chuck, at John's request, gave a report on the success of the monthly dinners, which are going well under the current circumstances.

Carl suggested the club having an outdoor picnic in the spring, and having members bring radios for demonstrations and general fun. * Carl and Brantley will work on this.

There being no further business, a motion was brought forth to adjourn. It was passed and the board adjourned at 8:08 PM Eastern Time.

* denotes an action.

Respectfully Submitted, Mark, KM4JRH, Secretary.

RARS Membership Meeting Minutes – October 12 , 2021

7 PM via Zoom

Call to Order:

Pledge of Allegiance recited.

3 new members.

John introduced the three candidates for the upcoming Roanoke Division Director election, and invited them to give a short bio and qualifications for the office.

George "Bud" Hippisley (W2RU)

Marv Hoffman (WA4NC)

Jim Boehner (N2ZZ) was not present.

A quorum was present.

August and September minutes approved.

Officer Reports:

- President - Next BoD meeting will be next Tuesday; also on Zoom. Contact John to get on

RARS Membership Meeting Minutes – continued

the agenda.

- Vice President - Next month's presentation will be Show and Tell. Tom gave tips on presenting the "Show" over zoom.
- Secretary - No report.
- Treasurer - Gave information on the club membership numbers. Noted expenses, assets, inventory, and year to date spending.
- Repeater Chair - No report.
- Exciter Editor - No report.
- Net Manager - No report.
- The Public Service Director Noted the last upcoming events, for the year. And requested volunteers for each event. Volunteers can sign up for our events on the RARS web page.
- Field Day Chair - No report.
- ARRL Liaison - No report.
- Youth Director - Brantley reported the upcoming Scouting Jamboree on the Air and ARRL School Club Roundup coming in October.
- At large director - Alan Pitegoff - Noted upcoming Hamfests, and the quarterly 10m net.
At large director – Ken Latchum - No Report.
- At large director – Tadd Torborg - No Report

Action Items

None

Program

Tom Lewis, N4TL, introduced tonight's speaker, Tadd Torborg, KA2DEW, who gave the presentation; "NCPACKET and TARPN".

Additional Comments

Chuck Littlewood, K4HF, announced the candidates for the upcoming officer and BoD election.

The meeting adorned at 9:00 PM Eastern Time.

Respectfully Submitted, Mark Kilmer. KM4JRH, RARS Secretary

[Jump back to page 5](#)